Amendments to the Specification:


        Replace the paragraph beginning on page 7, line 20
as follows:

        --In this example, the net section is routed in
multiple die layers, indicated in FIG. 5 by the different
hatch patterns ~~levels of shading~~.  A die layer may be a metal
layer, a poly layer, a contact layer, a via layer, a well
layer, and so on.  Each of the vertices 504 is represented as
an X-Y coordinate of the net section 502 inside the grid 506.
The X-Y coordinates of the vertices 504 are generally stored
in a database for generating the CAD net map.  Although useful
for generating CAD net maps, the vertex coordinates are in a
format that may not be readily accommodated by other software.
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        Replace the paragraph beginning on page 9, line 12
as follows:

        --In FIG. 7, each of the vertex coordinates 504 in
FIG. 5 is translated into a rounded coordinate 702.  The
rounded coordinates 702 are shown as enlarged dots to indicate
that the corresponding vertex coordinate 504 is within a
radius corresponding to ~~of~~ the selected resolution from the
rounded coordinate 702.  For example, the vertex coordinate
(1342,485) may be translated to the rounded coordinate
(1300,500) with a selected resolution of 100.  The vertex
coordinate (1342,485) is located within ~~a circle having~~ a
radius corresponding to the selected resolution of 100 around
the point (1300,500).  In the same manner, the vertex
coordinates for each net in the CAD representation may be
translated into rounded coordinates.--